



Showcase of New ENERGY STAR Tools

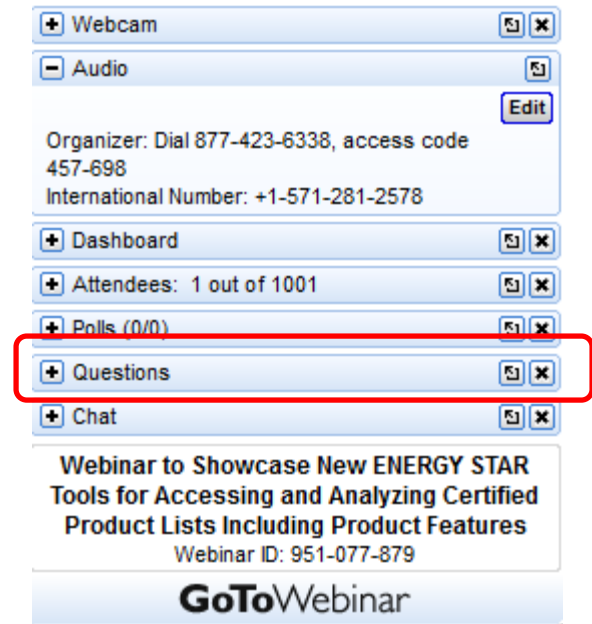
**Accessing and Analyzing Certified Product
Lists Including Product Features**

June 18, 2014

Webinar Logistics



- All lines have been muted
- Questions or feedback:
 - Use [question tab in webinar](#)



- Or email energystarproducts@energystar.gov
- Polling throughout webinar

Introductions



Kathleen Vokes

U.S. Environmental
Protection Agency

Jon Luzader

SRA International

Michael Holzheimer

ICF International

John Line

SRA International

Webinar Objectives



- Introduce and promote suite of tools for accessing and analyzing ENERGY STAR Products information
- Promote new ENERGY STAR APIs
- Share strategy for updating APIs
- Seek feedback from stakeholders

Agenda



- 1 ENERGY STAR Products Overview
- 2 Product Finder Overview
- 3 Product Finder Tools Features and Walk-through
- 4 Dataset Changes Process
- 5 Next Steps and Questions

ENERGY STAR Labeled Products Facts



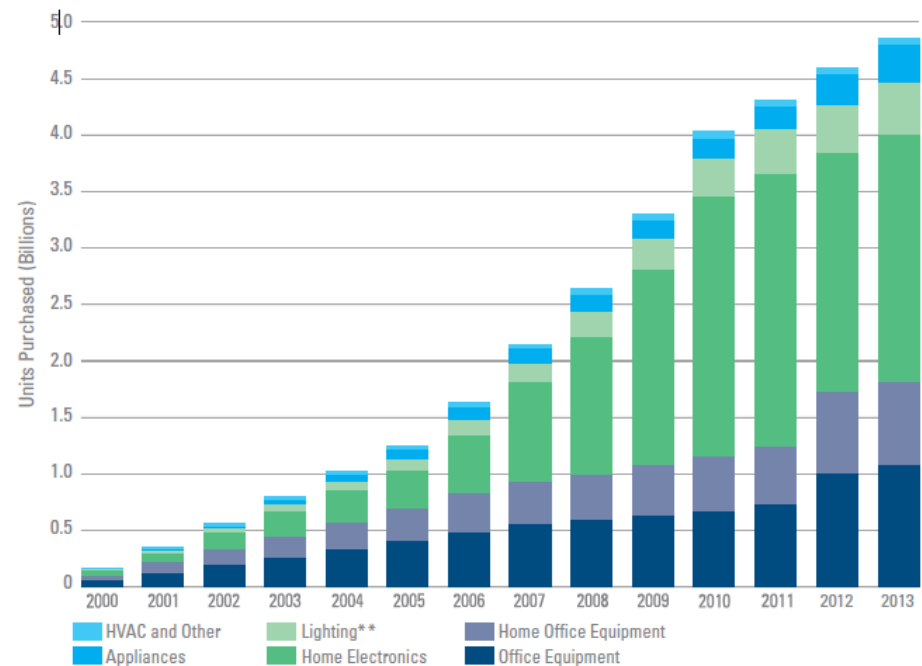
- More than 45,000 product models carry the ENERGY STAR label
- More than 70 types of products carry the ENERGY STAR label
- ENERGY STAR has over 1,800 product brand owner partners
- ENERGY STAR has more than 2,600 retail partners

ENERGY STAR Products



- Americans purchased nearly 300 Million ENERGY STAR certified products in 2013 in over 70 categories
- Cumulative total of more than 4.8 billion products since 1992
- More than 85% of the American public recognizes the ENERGY STAR label

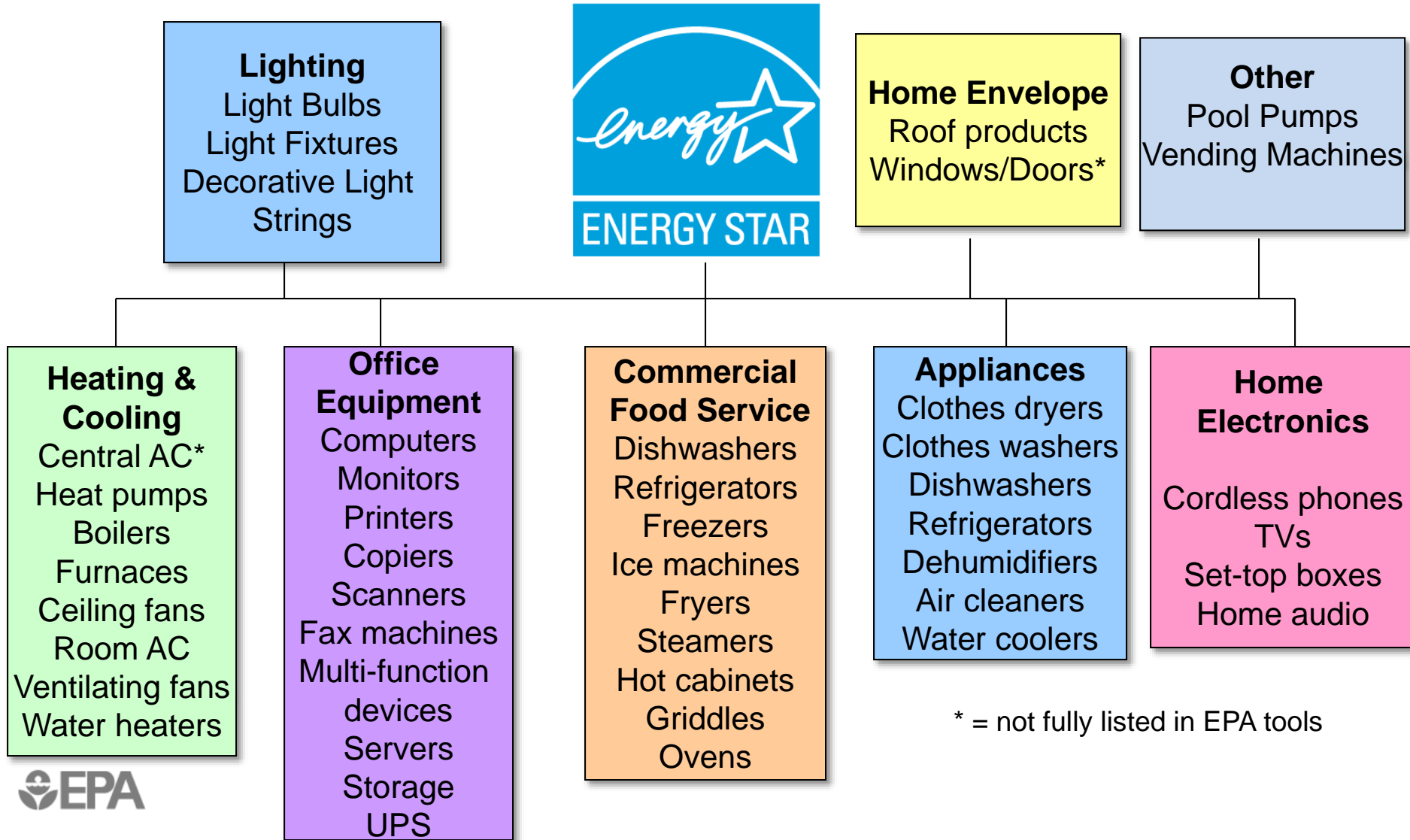
Fig. 2. More than 4.8 Billion ENERGY STAR Certified Products Purchased Since the Program Began*



* Program began in 1992.

** Lighting category does not include purchases of light bulbs.

70+ Product Categories Are Covered by ENERGY STAR in the US

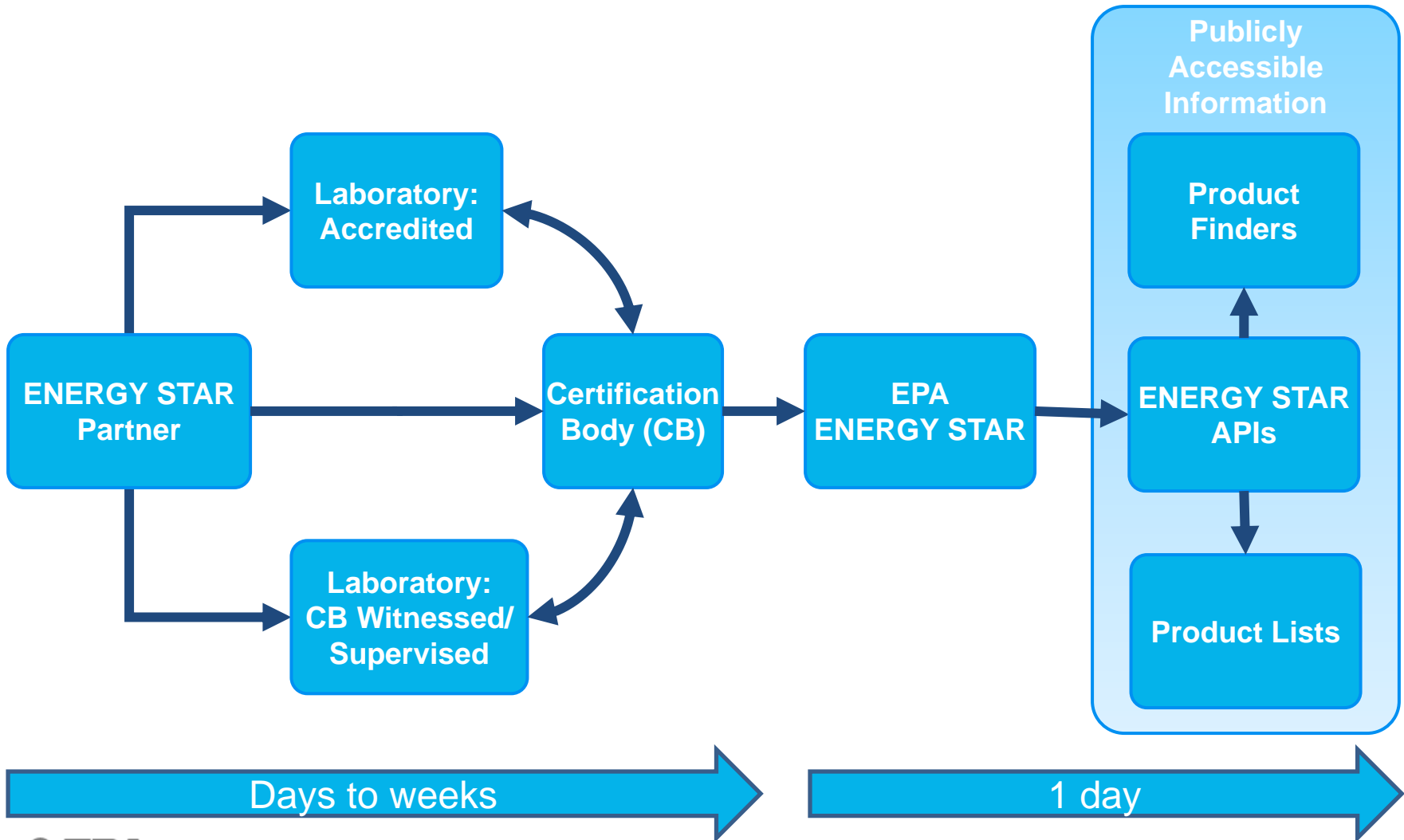


Agenda



- 1 ENERGY STAR Products Overview
- 2 Product Finder Tools Overview
- 3 Product Finder Tools Features and Walk-through
- 4 Dataset Changes Process
- 5 Next Steps and Questions

Partner to Product List Process



How Data is Clustered

Data targeting increasing



Product Finder Tool Overview



- Public-facing tool consumers, retailers, utilities and other stakeholders use to access product data
- www.energystar.gov/productfinder

Partner Benefits:

- Provide better access to EPA product data for all stakeholders
- Improve the ability to find product data
- Improve data quality
- Model data updated daily
- Models searchable by brand, model name, model number, additional information

ENERGY STAR Certified Residential Clothes Washers



Access the API, Analyze and Embed Data, Create an Account and more.
[Switch to Advanced View >](#)

32 Products match your search

LG

Compare up to 4 items

Modified Energy Factor (MEF)

Load Configuration is

- ☐ Top Load
- ☐ Front Load
- ☒ Do not filter

Brand Name is

- ☐ Amana
- ☐ Ariston
- ☐ Asko
- ☐ BRADA
- ☐ Blomberg

LG - WM8000H**

Load Configuration: Front Load

Volume: 5.16 cu. feet

☐ Compare

LG - WM3550H***

Load Configuration: Front Load

Volume: 4.26 cu. feet

☐ Compare

LG - WM3150H**

Load Configuration: Front Load

Volume: 4.26 cu. feet

☐ Compare

LG - WM4070H**

Load Configuration: Front Load

Volume: 4.26 cu. feet

☐ Compare

Product Finder Search



- Additional models and information search
- Partial matches (fuzzy logic) searchable
- EPA encourages grouping of models

A screenshot of the EPA Product Finder search results page. At the top left, there is a "Compare" button and the text "up to 4 items". On the right, a search bar contains the text "1000" and a magnifying glass icon. Below the search bar, there is a "Sort by:" dropdown menu set to "Brand" and a blue double-headed arrow icon. On the left side, under the heading "Bulb Type", there are four checkboxes: "Decorative (299)", "General Purpose Replacement (4946)", "Globe (416)", and "Other (637)". The main content area shows "1 - 20 of 23 Records Found" and a list of results. The first result is "EcoSmart - ECS 30 75WE WW FL 120 TP". Below this, it says "Bulb Type: Reflector (Flood/Spot)" and "Technology: LED". Under "Additional Model Information:", it lists "PAR30 Lamp, 1000 029 126,". A "Compare" button is visible on the right side of the result card. Red boxes highlight the search bar, the "Additional Model Information" section, and the "1000" in the model number.

Product Lists Overview



- Updated daily
- Custom filters and embed options for retailers, partners, media
- Export options including Excel, .csv, APIs
- One portal where stakeholders access certified products*

data.energystar.gov

*Excludes Windows, Non-AHRI CAC/ASHPs, and BCS

ABOUT ENERGY STAR PRODUCT FINDER HOME Sign Up Sign In Help

Alphabetical

Clear All Options

View Types
(All)
 Datasets
 Charts
 Maps
 Calendars
 Filtered Views
 External Datasets
 Files and Documents
 Forms
 APIs

	Name	Popularity	Type
1.	ENERGY STAR Certified Audio Video Government Certified models meet all ENERGY STAR requirements as listed in the Version 3.0 ENER	707 views	
2.	ENERGY STAR Certified Boilers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.1 ENER	3,345 views	
3.	ENERGY STAR Certified Ceiling Fans Government Certified models meet all ENERGY STAR requirements as listed in the Version 3.0 ENER	1,327 views	
4.	ENERGY STAR Certified Commercial Clothes Washers Government Certified models meet all ENERGY STAR requirements as listed in the Version 6.1 ENER	440 views	
5.	ENERGY STAR Certified Commercial Dishwashers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0 ENER	742 views	
6.	ENERGY STAR Certified Commercial Fryers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0 ENER	629 views	
7.	ENERGY STAR Certified Commercial Griddles Government Certified models meet all ENERGY STAR requirements as listed in the Version 1.1 ENER	337 views	
8.	ENERGY STAR Certified Commercial Hot Food Holding Cabinet Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0 ENER	407 views	

API Overview



- All product list fields available via APIs
- Intended users:
 - Energy efficiency program sponsors
 - Retailers
 - Third-party use for mash-ups of data
- “We eat our own dog food”
 - ENERGY STAR product finders use APIs

Agenda



- 1 ENERGY STAR Products Overview
- 2 Product Finder Tools Overview
- 3 Product Finder Tools Features and Walk-through
- 4 Dataset Changes Process
- 5 Next Steps and Questions

Product Finder Links



- Product ID (PD_ID field) creates unique links for model + spec version:

www.energystar.gov/productfinder/product/certified-light-bulbs/details/2209354

- Consumers can verify as ENERGY STAR
- Compare up to four models:

[...details/PD ID 1/PD ID 2/PD ID 3/PD ID 4](#)

Product Finder Filters



- Sort and filter by key product attributes

Compare up to 4 items

Search:

Sort by: **Modified Energy Factor (MEF)**

1 - 20 of 538 Records Found 1 2 3 4 5 .. ▸

Load Configuration

- ☐ Front Load (321)
- ☐ Top Load (217)
- ☒ Do not filter

Brand Name

- ☐ Amana (6)
- ☐ Ariston (3)
- ☐ Asko (6)
- ☐ Blomberg (4)
- ☐ Bosch (4)
- ☐ BRADA (2)
- ☐ Crosley (7)
- [Show More](#)

Volume (cu. ft.)

- ☐ 0 and 2.5 (25)
- ☐ 2.5 and 4 (312)
- ☐ Greater than 4 (201)

Samsung - WF56H91**A*		<input type="checkbox"/> Compare
Front Load	Volume (cu. ft.): 5.56	
Modified Energy Factor (MEF): 3.55	Annual Energy Use (kWh/yr): 100	
Water Factor (WF): 2.5	Annual Water Use (gallons/yr): 5448.8	
Kenmore - 4107#21#		<input type="checkbox"/> Compare
Front Load	Volume (cu. ft.): 5.16	
Modified Energy Factor (MEF): 3.45	Annual Energy Use (kWh/yr): 135	
Water Factor (WF): 3.0	Annual Water Use (gallons/yr): 6068.16	
Kenmore - 4108#21#		<input type="checkbox"/> Compare
Front Load	Volume (cu. ft.): 5.16	
Modified Energy Factor (MEF): 3.45	Annual Energy Use (kWh/yr): 135	
Water Factor (WF): 3.0	Annual Water Use (gallons/yr): 6068.16	
Kenmore - 4108#31#		<input type="checkbox"/> Compare
Front Load	Volume (cu. ft.): 5.18	
Modified Energy Factor (MEF): 3.45	Annual Energy Use (kWh/yr): 135	

Product Finder Details



- Compare key product attributes

[Home](#) » [Products](#) » [Product Finder Home](#) » [ENERGY STAR Certified Residential Clothes Washers](#) » [Compare Products:](#)

ENERGY STAR Certified Residential Clothes Washers

Compare Products:

Want more information? Access the full product list in [Excel](#), [API](#), and other formats.
[Switch to Advanced View »](#)

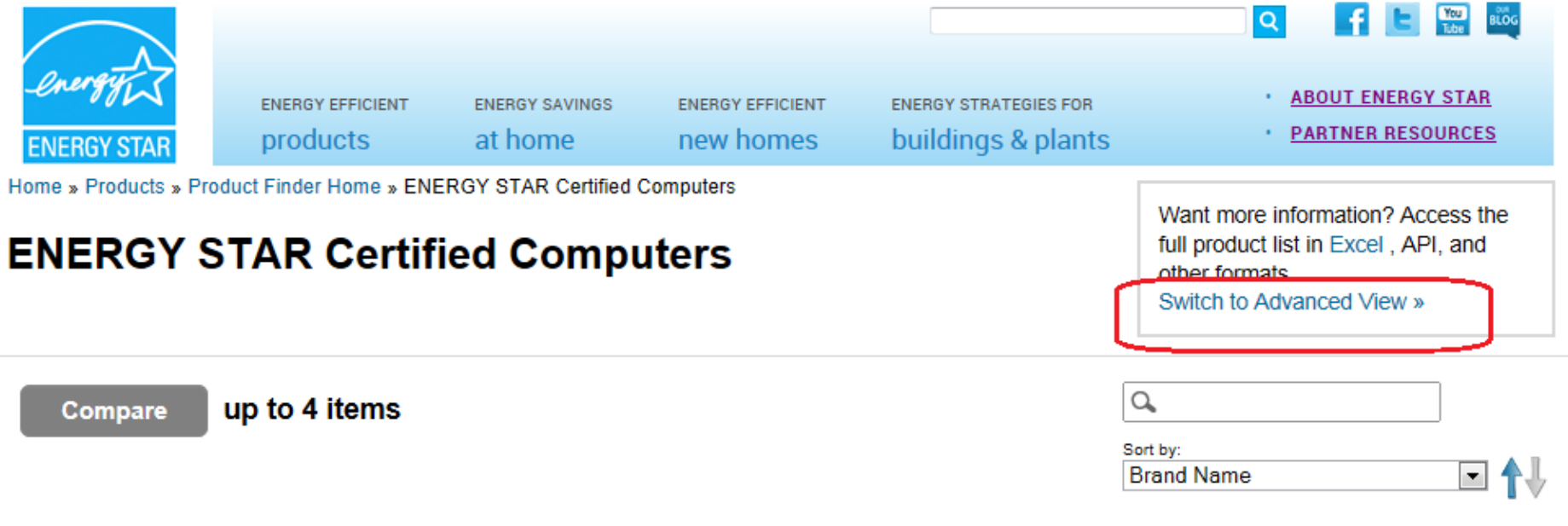
This is the tub capacity of the clothes washer in cubic feet, as measured by the U.S. Department of Energy (DOE) test procedure, Code of Federal Regulations, Title 10, Section 430, Appendix J1.

	Whirlpool - HEA*+ HEA*+	Electrolux - EWFLS70** EWFLS70**	Kenmore - 3141#31# 3141#31#	Samsung - WF56H91**A* WF56H91**A*
		Front Load	Top Load	Front Load
Volume (cu. ft.) ⓘ	4.33	4.42	5.0	5.56
Modified Energy Factor (MEF) ⓘ	3.3	3.29	3.0	3.55
Water Factor (WF) ⓘ	2.7	2.8	3.5	2.5

Product Finder Features



- Click [Switch to Advanced View](#) or start at data.energystar.gov



The screenshot shows the Energy Star Product Finder interface. At the top left is the Energy Star logo. To its right is a search bar and social media icons for Facebook, Twitter, YouTube, and a blog. Below these are four navigation links: "ENERGY EFFICIENT products", "ENERGY SAVINGS at home", "ENERGY EFFICIENT new homes", and "ENERGY STRATEGIES FOR buildings & plants". On the far right are links for "ABOUT ENERGY STAR" and "PARTNER RESOURCES". Below the navigation bar is a breadcrumb trail: "Home » Products » Product Finder Home » ENERGY STAR Certified Computers". The main heading is "ENERGY STAR Certified Computers". On the right side, there is a box with the text "Want more information? Access the full product list in Excel, API, and other formats." and a red-bordered button labeled "Switch to Advanced View »". At the bottom left is a "Compare" button and the text "up to 4 items". At the bottom right is another search bar, a "Sort by:" dropdown menu set to "Brand Name", and up/down arrow icons.

ENERGY STAR

ENERGY EFFICIENT products

ENERGY SAVINGS at home

ENERGY EFFICIENT new homes

ENERGY STRATEGIES FOR buildings & plants

• [ABOUT ENERGY STAR](#)

• [PARTNER RESOURCES](#)

Home » Products » Product Finder Home » ENERGY STAR Certified Computers

ENERGY STAR Certified Computers

Want more information? Access the full product list in [Excel](#), [API](#), and other formats.

[Switch to Advanced View »](#)

Compare up to 4 items

Sort by:
Brand Name

Advanced View Features



- Create account to save and share work
- Filter lists
- Create visuals (pie charts, bar graphs, etc)
- Embed filtered data or visual
- Export data
- Learn more in the [How to Create Data Visualizations Guide](https://energystar.gov/productfinder) at energystar.gov/productfinder

Advanced View Features: Filters



- Sample filters available

Product Category	Unique filters	Cross-cutting filters
Clothes washers	<ul style="list-style-type: none"> Load configuration Connected functionality ENERGY STAR Most Efficient 	<ul style="list-style-type: none"> Brand name Model name, model number, additional model information ENERGY STAR unique model identifier Date qualified Date available on market Markets Energy use Efficiency ratios Capacity Product type Meets ENERGY STAR Most Efficient Criteria
Dishwashers	<ul style="list-style-type: none"> US federal standard Water use ENERGY STAR Most Efficient 	
Refrigerators	<ul style="list-style-type: none"> Connected functionality ENERGY STAR Most Efficient 	
Room air conditioners	<ul style="list-style-type: none"> Reverse cycle 	
Light bulbs	<ul style="list-style-type: none"> Technology Base type Light Output CCT CRI Special features Power factor Life Rating Warranty Dimming capability 	
Commercial refrigerators and freezers	<ul style="list-style-type: none"> Configuration Door options Refrigerant type 	

Advanced View Features: Filters



- Example: Find the subset of products that meet a particular efficiency threshold above ENERGY STAR
 - MEF greater than 2.39 and WF less than 4.1 (CEE Tier 3)
- Filter view: Click Filter
- Click on PD_ID and change it to the attribute you want to filter

A screenshot of a "Filter" dialog box. The dialog has a blue header with the word "Filter" and a close button. It contains two filter conditions. The first condition, "Modified Energy Factor (MEF)", is highlighted with a red rectangle. It shows "MEF" in a dropdown menu, followed by "is greater than" in another dropdown, and a text input field containing "2.39". The second condition, "Water Factor (WF)", shows "WF" in a dropdown menu, followed by "is less than" in another dropdown, and a text input field containing "4.1". Both conditions have checkboxes that are currently checked. At the bottom of the dialog is a button labeled "+ Add a New Filter Condition".

Advanced View Features: Charts



- Determine the attributes you want to compare
- Structure data using the Sort & Roll-Up function in the Filter view
- Following example is for looking at bulb type availability (perhaps you want to start promoting specialty type bulbs)

The screenshot displays the "ENERGY STAR Certified Light Bulbs" dataset interface. At the top, there's a header with the dataset name and a search bar. Below the header is a toolbar with buttons for "Edit", "Manage", "More Views", "Filter" (highlighted with a red box), "Visualize", "Export", "Discuss", "Embed", and "About". The main area shows a table with columns: "ENERGY STAR Partner", "Brand Name", and "Model". The table lists various light bulb models and their manufacturers. On the right side, a "Filter" panel is open, showing options for "Conditional Formatting", "Sort & Roll-Up" (highlighted with a red box), and "Filter". The "Filter" section allows users to filter the dataset based on contents, with examples like "Technology is" and "CCT (K) is".

ENERGY STAR Partner	Brand Name	Model
1234	Feit Electric	Feit Electric
1235	Technical Consumer Products, Inc. (TCP)	DuraBright
1236	Technical Consumer Products, Inc. (TCP)	DuraBright
1237	Maxlite	MaxLite
1238	Technical Consumer Products, Inc. (TCP)	DuraBright
1239	Maxlite	MaxLite
1240	Lowe's Home Improvement	Bright Effects
1241	Technical Consumer Products, Inc. (TCP)	DuraBright
1242	Technical Consumer Products, Inc. (TCP)	DuraBright
1243	Maxlite	MaxLite
1244	Technical Consumer Products, Inc. (TCP)	DuraBright
1245	Technical Consumer Products, Inc. (TCP)	DuraBright

Advanced View Features: Charts



- Group By allows comparison of items for the field selected (e.g., Bulb type)
- Roll-Up is what you would like to count (e.g., model numbers)
- Click Apply and Save to use filter later

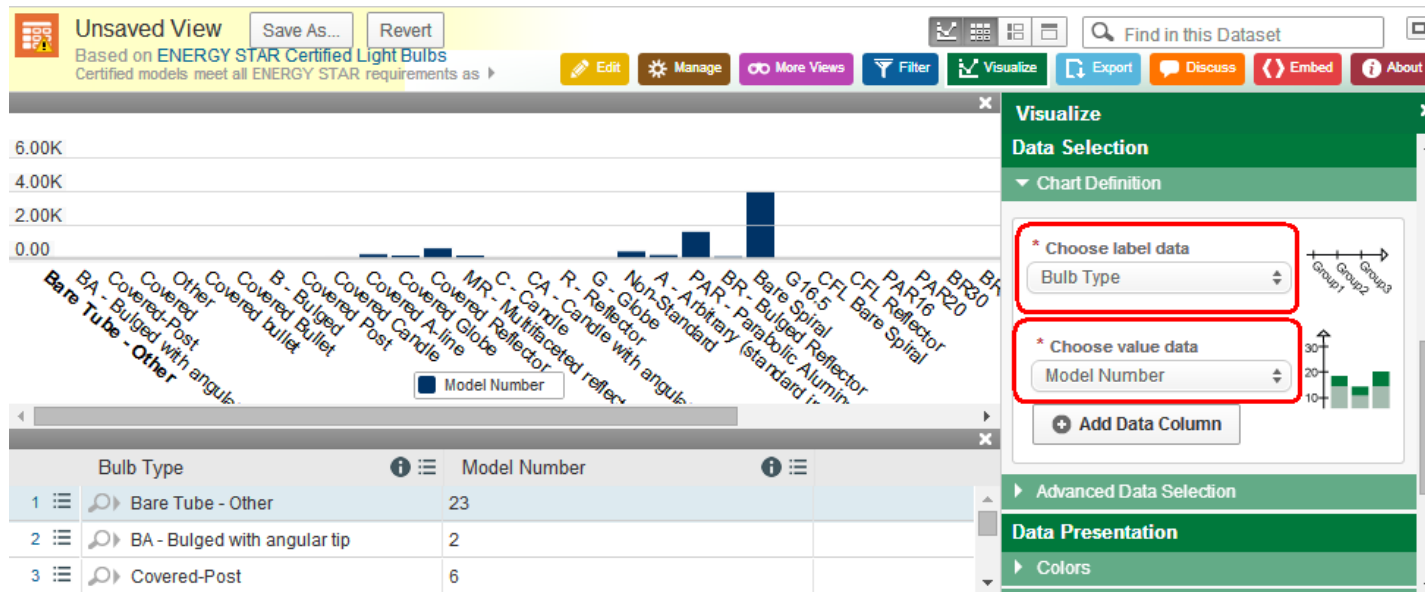
The screenshot shows the Energy Star Advanced View interface. At the top, there is a yellow banner with the text "Unsaved View" and buttons for "Save As..." and "Revert". Below this is a table with two columns: "Bulb Type" and "Model Number". The table lists 13 bulb types and their corresponding model numbers. A "Filter" panel is open on the right side of the table. The panel has a "Roll-Ups & Drill-Downs" section with a "Group By" dropdown set to "Bulb Type" and a "Roll-Up" dropdown set to "Model Number". The "Function" dropdown is set to "Count". There are buttons for "Add Grouping Column" and "Add Roll-Up Column". At the bottom of the panel are "Apply" and "Cancel" buttons. The "Apply" button is highlighted with a red box.

Bulb Type	Model Number
1 Bare Tube - Other	23
2 BA - Bulged with angular tip	2
3 Covered-Post	6
4 Covered	16
5 Other	6
6 Covered bullet	1
7 Covered Bullet	3
8 B - Bulged	21
9 Covered Post	30
10 Covered Candle	97
11 Covered A-line	329
12 Covered Globe	263
13 Covered Reflector	684

Advanced View Features: Charts



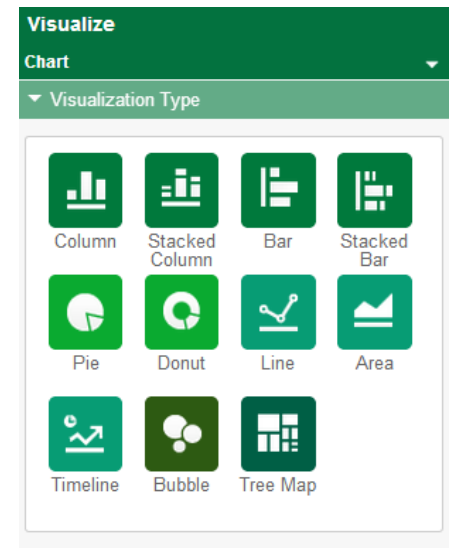
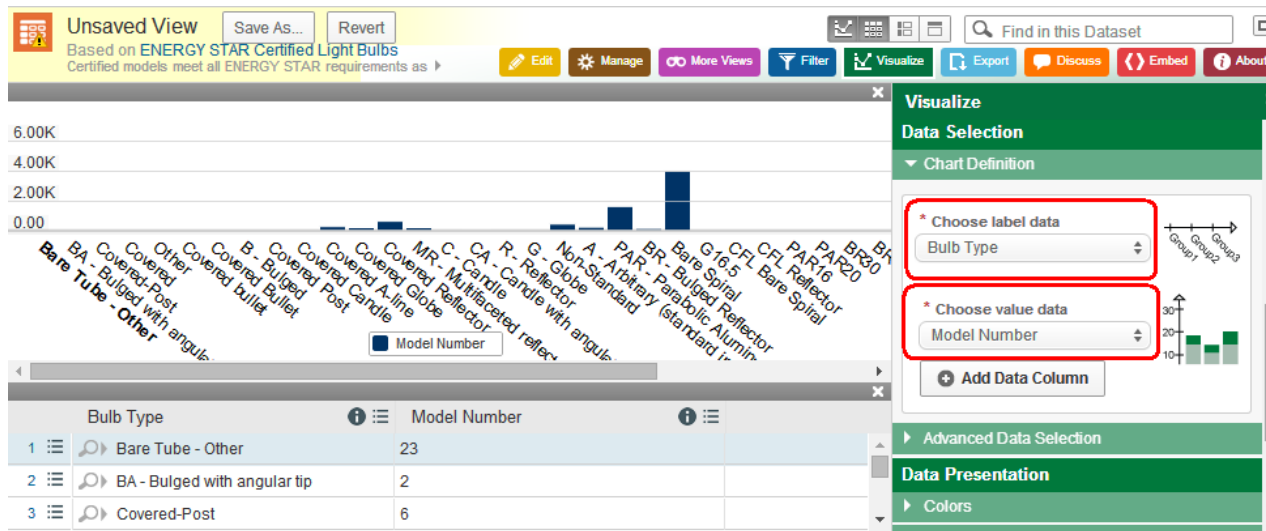
- Click Visualize
- Select chart type (e.g., bar chart)



Advanced View Features: Charts



- Format Chart
- Select Chart Definitions
- Customize colors, x and y axis names, etc







Advanced View: Embed Filtered Views




- Example: monitor your portfolio of ENERGY STAR certified products
- Filter by brand, partner, date qualified, etc.
- Create custom list through Product ID filter
- Link directly to filtered view

<https://data.energystar.gov/Government/GE-Lighting/9u7t-qx9h>

 **GE Lighting**
Based on ENERGY STAR Certified Light Bulbs
Certified models meet all ENERGY STAR requirements ▶

Find in this Dataset   

ENERGY STAR Partner	Brand Name	Model N
1	GE Lighting	GE
2	GE Lighting	GE
3	GE Lighting	GE
4	GE Lighting	GE
5	GE Lighting	GE
6	GE Lighting	GE
7	GE Lighting	GE
8	GE Lighting	GE
9	GE Lighting	GE
10	GE Lighting	GE
11	GE Lighting	GE
12	GE Lighting	GE

Filter 


Brand Name is

☒ GE

☐

Never created a filter before? Watch a short tutorial video [here](#).


As a publisher of this view, you may define the default set of filters visitors will be presented with:












Advanced View: Webpage Embedding



- Embed filters, charts, and graphs into stakeholder webpages

 **GE Lighting**
Based on [ENERGY STAR Certified Light Bulbs](#)
Certified models meet all ENERGY STAR requirements ▶

 **Manage**  **More Views**  **More**

	ENERGY STAR Partner	Brand Name	Model N
1	GE Lighting	GE	
2	GE Lighting	GE	
3	GE Lighting	GE	
4	GE Lighting	GE	
5	GE Lighting	GE	
6	GE Lighting	GE	
7	GE Lighting	GE	
8	GE Lighting	GE	
9	GE Lighting	GE	
10	GE Lighting	GE	
11	GE Lighting	GE	
12	GE Lighting	GE	

Embed

Form

Social Data Player

The Social Data Player enables you to publish this dataset on the Internet at large

Embed this Dataset

```
<div><iframe width="760px" title="GE Lighting" height="646px" src="https://data.energystar.gov/w/9u7t-qx9h/im48-wy4k?cur=dtOD1QLxfiD&from=root" frameborder="0" scrolling="no"><a href="https://data.energystar.gov/Government/GE-Lighting/9u7t-qx9h" title="GE Lighting" target="_blank">GE Lighting</a></iframe><p><a href="http://www.socrata.com/" target="_blank">Powered by Socrata</a></p></div>
```

Size

500x425

760x646

950x808

Advanced View: Webpage Embedding



- Customize filtered view name, field order, fields shown, and sorting

	ENERGY STAR Partner	Model Number	Energy Used (Watts)	Date Qualified
1	GE Lighting	68168	3.5	03/13/2014
2	GE Lighting	19138	3.5	04/07/2014
3	GE Lighting	19141	3.5	04/07/2014
4	GE Lighting	85764	3.5	03/13/2014
5	GE Lighting	77705	3.5	03/13/2014
6	GE Lighting	68166	3.5	03/13/2014
7	GE Lighting	85766	3.5	03/13/2014
8	GE Lighting	68165	4.5	03/13/2014
9	GE Lighting	68169	4.5	03/13/2014
10	GE Lighting	85769	4.5	03/13/2014

Advanced View: Filter by ENERGY STAR Most Efficient



- Lists of products meeting 2014 criteria

Alphabetical

Search

Clear All Options

View Types

(All)

Datasets

Unpublished Datasets

Charts

Maps

Calendars

Filtered Views

External Datasets

Files and Documents

Forms

APIs

Categories

Government

Topics

dishwashers appliances certified products residential display

	Name	Popularity	Type
1.	ENERGY STAR Most Efficient Computer Monitors Government Certified models meet all ENERGY STAR requirem	2 views	
3.	ENERGY STAR Most Efficient Boilers Government Certified models meet all ENERGY STAR requirem	19 views	
4.	ENERGY STAR Most Efficient Ceiling Fans Government Certified models meet all ENERGY STAR requirem	4 views	
5.	ENERGY STAR Most Efficient Clothes Washers Government Certified models meet all ENERGY STAR requirem	5 views	
6.	ENERGY STAR Most Efficient Furnaces Government Certified models meet all ENERGY STAR requirem	1 view	
7.	ENERGY STAR Most Efficient Geothermal Heat Pumps Government Certified models meet all ENERGY STAR requirem	1 view	
8.	ENERGY STAR Most Efficient Refrigerators/Freezers Government Certified models meet all ENERGY STAR requirem	2 views	
9.	ENERGY STAR Most Efficient Televisions Government Certified models meet all ENERGY STAR requirem	1 view	
10.	ENERGY STAR Most Efficient Ventilating Fans Government Certified models meet all ENERGY STAR requirem	1 view	

Advanced View: Exports



- Spreadsheet export at top of product finders
- Product list export file options including CSV, JSON, PDF, RDF, RSS, XLS, XLSX, and XML

Home » Products » Product Finder Home » ENERGY STAR Certified Light Bulbs

ENERGY STAR Certified Light Bulbs

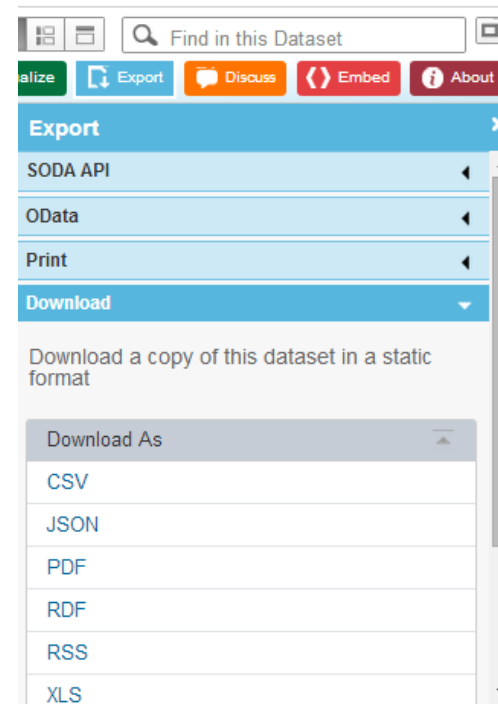
Compare up to 4 items

Want more information? Access the full product list in [Excel](#), API, and other formats.
[Switch to Advanced View »](#)



Sort by:

Brand ▼



Custom Tool: Additional Models Segmenting



- Macro for searching models against additional models list
- Segments additional identifying information field
- Available at energystar.gov/productfinder

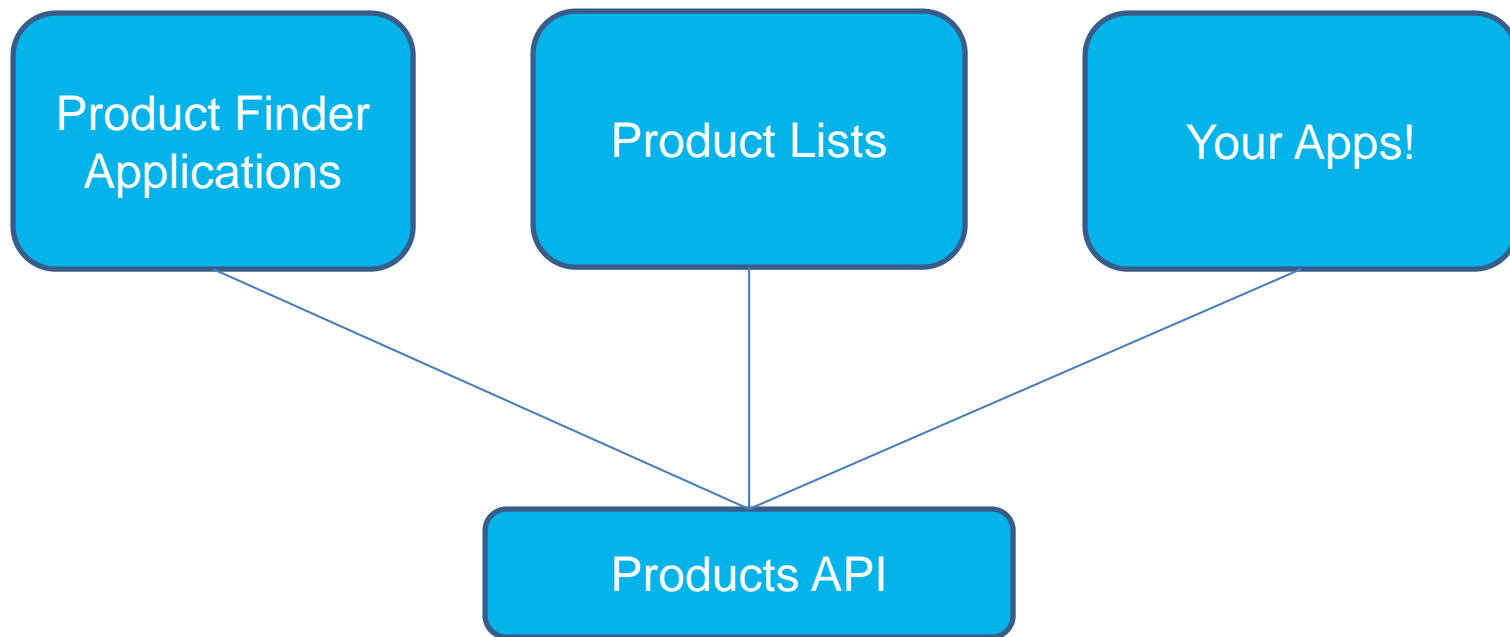
MODEL NUMBER TO FIND	PD_ID	Model Name	Model Number	Additional Model Information
6R3014DLB	2153637	6R3014DLB	6R3014DLB	6R3014DLB 6R3014DLB 6R3014DL,
9290002246	2168526	18PAR38/END/F36 3000-950 C	9290002246	18PAR38/END/F36 3000-950 DIM SM, 92900022**
sample-bad-number	#N/A	#N/A	#N/A	#N/A

APIs



- Application Programming Interface (API)
- Publishes Certified Products Data in machine readable format
- Accessible to any application with a connection to the web
- All of the tools mentioned today are built off of the API
- Open and free for anyone to use
data.energystar.gov/developers

Data Tools: APIs



ENERGY STAR Logo



- The Certification Mark is a registered trademark that may only be used with products that have been certified to meet ENERGY STAR performance requirements
- EPA partners with product brand owners, retailers, and EEPS to promote energy efficiency of products, homes, and buildings; these partners agree to abide by EPA's ENERGY STAR program identity guidelines prior to using the logo
- EPA monitors the use of the ENERGY STAR label and name in trade media, advertisements, and the internet to ensure they are applied properly and consistently in the marketplace
- EPA is exploring ways to allow and encourage developers to automatically associate the ENERGY STAR with models in the products APIs (e.g. terms of use)

Agenda



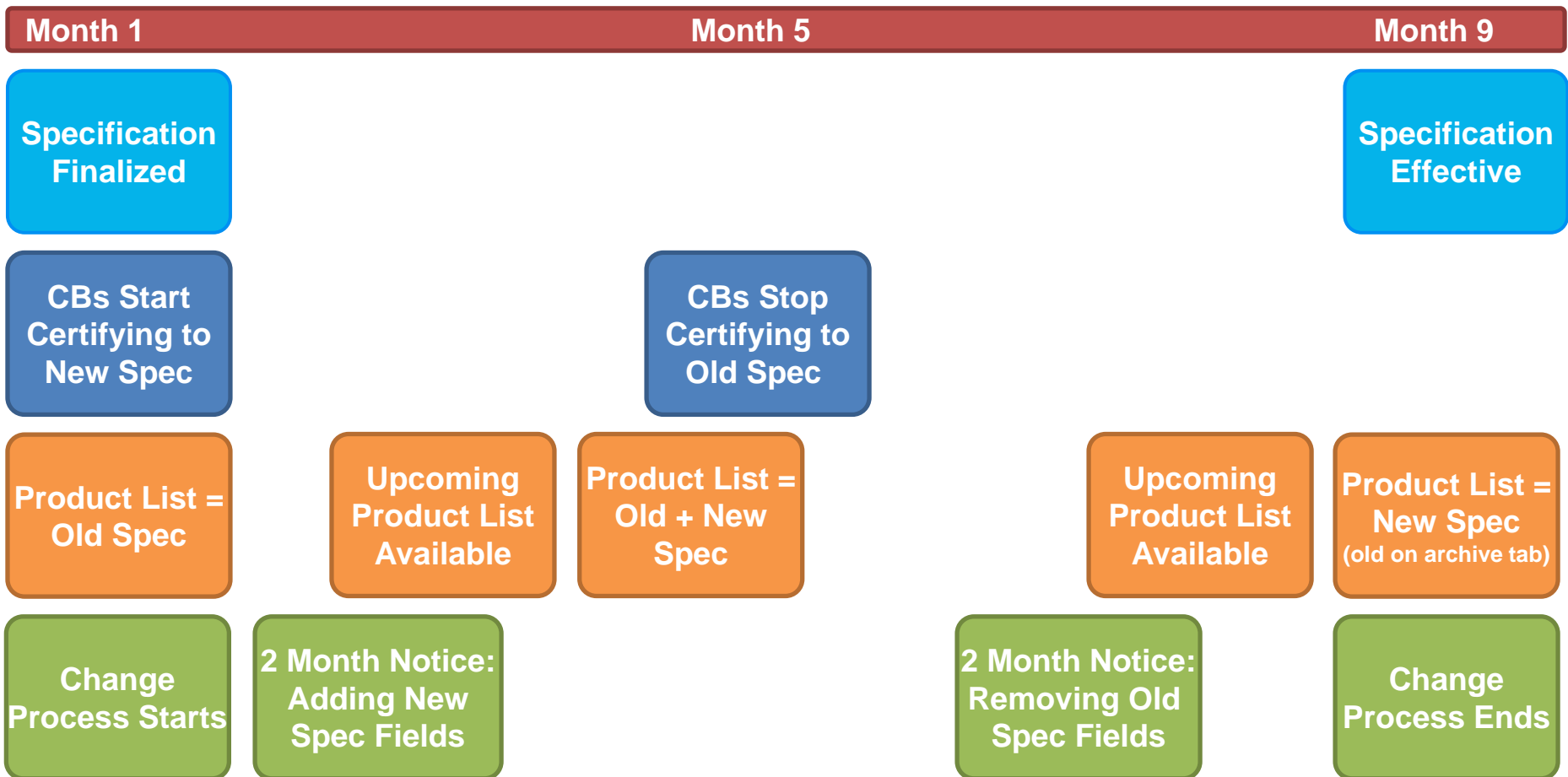
- 1 ENERGY STAR Products Overview
- 2 Data Tools Overview
- 3 Product Finder Tools Features and Walk-through
- 4 Dataset Changes Process
- 5 Next Steps and Questions

Changes to Datasets: Drivers



- New product specification (e.g., clothes dryers)
- Change to existing specification (e.g., boilers)
- Dataset updates (e.g., change in metrics for evaluating product performance)
- Visit energystar.gov/productdevelopment

Changes to Datasets: Timeline for Revised Specifications



Change Process: Minor Changes



- Minor changes
 - Non-breaking changes
 - Dataset description updates
 - Limited addition of new columns
 - E.g. Boilers V3 (Adding V3 certified models, no changes to product list fields)

Change Process: Major Changes



- Major changes
 - Breaking changes
 - Removal of existing fields
 - Significant number of new fields (~5+)
 - Significant changes to existing fields



ENERGYSTARProductAPI
@ESProductAPI

Room Air Conditioners [tjzj-25n7] API
deprecating on Aug 18 - early access for
devs in July - info@Google Groups:
tinyurl.com/mlpxmyn

Reply Delete Favorite More

7:26 PM - 17 Jun 2014

Major Change Process



Communications for each time period
ENERGY STAR Products API Google Groups announcement
@ESProductAPI

2 Months
Prior

- **What to Expect:** Announce changes will be made to a product list

1 Month
Prior

- **What to Expect:** New draft “Upcoming” product list and specific changes released

1 Week
Prior

- **What to Expect:** Final “Upcoming” changes to product list

Day of

- **What to Expect:** Replacement product list only

Agenda



- 1 ENERGY STAR Products Overview
- 2 Data Tools Overview
- 3 Product Finder Tools Features and Walk-through
- 4 Dataset Change Process
- 5 Next Steps and Feedback

Partners Next Steps



- Reviewing product finder and product lists
- Using filters
- Creating graphs and charts

Partners Feedback



- Feedback on tools and user experience
- Please let us know through the [webinar questions tab](#) or emailing energystarproducts@energystar.gov
- EPA will set up additional targeted sessions based on demand

API Developers Next Steps

- Follow us [@ESProductAPI](#)
- Join Google Groups developer forum
[ENERGY STAR Products API](#)
- Review website resources
 - data.energystar.gov/developers
 - [ENERGY STAR Products APIs Essentials](#)
(links through /developers webpage)

API Developers Feedback



- API developer session walk-through?
- Feedback on APIs, change process
- Please let us know through the [webinar questions tab](#) or emailing energystarproducts@energystar.gov

EPA Next Steps



1. Dataset updates will now follow change process
2. Collect and review stakeholder feedback
3. Provide additional resources, trainings, and information on stakeholder topics of interest

Resources



- energystar.gov/productfinder
 - Product finder tools
 - Guide on creating filters and visuals
 - Macro for segmenting additional models
- data.energystar.gov
 - Product lists and API field names
 - EPA-created filters, charts, and graphs
- data.energystar.gov/developers
 - ENERGY STAR Products API essentials
 - Getting started with APIs
- [ENERGY STAR Products API](#) Google Group
- [@ESProductAPI](#)

Thank You!



Please send any additional comments or feedback to
energystarproducts@energystar.gov

Presentation will be posted on energystar.gov/productfinder